

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("5502686").PN.	USPAT; USOOR	OR	OFF	2006/12/15 08:19
S2	1	("5810045").PN.	USPAT; USOOR	OR	OFF	2006/12/14 15:13
S3	1	("6508930").PN.	USPAT; USOOR	OR	OFF	2006/12/14 15:14
S4	1	("6358401").PN.	USPAT; USOOR	OR	OFF	2006/12/14 15:16
S5	1	("7050944").PN.	USPAT; USOOR	OR	OFF	2006/12/14 15:17
S6	1	("6859759").PN.	USPAT; USOOR	OR	OFF	2006/12/14 15:18
S7	1	("6974559").PN.	USPAT; USOOR	OR	OFF	2006/12/14 15:19
S8	0	("10717250").PN.	USPAT; USOOR	OR	OFF	2006/12/14 15:19
S9	165	evans.in. and martin.in.	US-PGPUB; USPAT	OR	OFF	2006/12/15 08:22
S10	71320	catalyst.ab.	US-PGPUB; USPAT	OR	OFF	2006/12/15 08:23
S11	19	S9 and S10	US-PGPUB; USPAT	OR	OFF	2006/12/15 12:17
S12	1370	34/194,236.ccls.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2006/12/15 09:23
S13	430	55/356.ccls.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2006/12/15 09:23
S14	114354	"414"/\$.ccls.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2006/12/15 09:24
S15	903089	catalyst	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2006/12/15 09:24
S16	4	S12 and S15	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2006/12/15 09:26

## EAST Search History

S17	5	S13 and S15	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2006/12/15 09:28
S18	197	S14 and S15	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2006/12/15 11:28
S19	4864732	(catalyst near\$3 handling or transport\$)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2006/12/15 10:10
S20	1718	catalyst.ab. and handling.ab.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2006/12/15 10:11
S21	1499	catalyst.ab. and transport.ab.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2006/12/15 10:11
S22	1718	S19 and S20	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2006/12/15 10:11
S23	1499	S19 and S21	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2006/12/15 10:12
S24	76	S22 and cracking	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2006/12/15 10:13
S25	182	S23 and cracking	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2006/12/15 10:16
S26	21	("0994859"   "1168947"   "1833915"   "2052119"   "2569982"   "3178048"   "3257007"   "3307724"   "3441158").PN. OR ("3653526").URPN.	US-PGPUB; USPAT; USOOR	OR	OFF	2006/12/15 11:11

## EAST Search History

S27	4356	422/139,145,219,239,297,300.ccls.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2006/12/15 11:36
S28	4574553	catalyst\$ near\$4 handling or transport	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2006/12/15 11:37
S29	4094094	catalyst\$ near\$4 handling	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2006/12/15 11:37
S30	4023882	catalyst\$ near\$4 transport	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2006/12/15 11:37
S31	2171	S27 and S29	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2006/12/15 11:39
S32	2105	S27 and S30	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2006/12/15 11:38
S33	540	S31 and catalyst.ab.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2006/12/15 11:42
S34	540	S32 and catalyst.ab.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2006/12/15 11:39
S35	726	catalyst near handling	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2006/12/15 11:42
S36	665	catalyst near transport	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2006/12/15 11:42

## EAST Search History

S37	4164944	catalyst near\$3 injection	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/15 11:43
S38	4066634	catalyst near\$2 injection	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/15 11:43
S39	13	S27 and S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/15 11:46
S40	97	S27 and S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/15 11:46
S41	244	208/152.ccls.	US-PGPUB; USPAT	OR	OFF	2006/12/15 12:18
S42	81	S41 and catalyst.ab.	US-PGPUB; USPAT	OR	OFF	2006/12/15 12:40
S43	1	("4769127").PN.	USPAT; USOCR	OR	OFF	2006/12/15 12:48
S44	28	(catalyst adj handling).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/18 15:42
S45	29	(catalyst adj transport).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/15 12:51
S46	0	("4769127").URPN.	USPAT	OR	OFF	2006/12/15 12:56
S47	0	("4769127").URPN.	USPAT	OR	OFF	2006/12/15 12:56
S48	1	("5389236").PN.	USPAT; USOCR	OR	OFF	2006/12/18 08:20
S49	1	("5810045").PN.	USPAT; USOCR	OR	OFF	2006/12/18 08:21
S50	2	("2616591").PN.	USPAT; USOCR	OR	OFF	2006/12/18 15:13
S51	1	("4660881").PN.	USPAT; USOCR	OR	OFF	2006/12/18 08:23
S52	1	("4762427").PN.	USPAT; USOCR	OR	OFF	2006/12/18 08:23

## EAST Search History

S53	1	("4809889").PN.	USPAT; USOOR	OR	OFF	2006/12/18 08:25
S54	1	("5055176").PN.	USPAT; USOOR	OR	OFF	2006/12/18 08:25
S55	1	("5286370").PN.	USPAT; USOOR	OR	OFF	2006/12/18 08:25
S56	1	("4769127").PN.	USPAT; USOOR	OR	OFF	2006/12/18 10:57
S57	14	("2847364"   "3483829"   "3679563"   "3773653"   "3893911"   "3918585"   "3948764"   "4059194"   "4082042"   "4360304"   "4482285").PN. OR ("4769127").URPN.	US-PGPUB; USPAT; USOOR	OR	OFF	2006/12/18 11:39
S58	1	("5389239").PN.	USPAT; USOOR	OR	OFF	2006/12/18 11:42
S59	1	("7050944").PN.	USPAT; USOOR	OR	OFF	2006/12/18 11:42
S60	1	("5464591").PN.	USPAT; USOOR	OR	OFF	2006/12/18 15:27
S61	1	("6132157").PN.	USPAT; USOOR	OR	OFF	2006/12/18 15:40
S62	1	("5897282").PN.	USPAT; USOOR	OR	OFF	2006/12/18 15:40
S63	1	("7041259").PN.	USPAT; USOOR	OR	OFF	2006/12/18 15:49
S64	1	("3850582").PN.	USPAT; USOOR	OR	OFF	2006/12/18 15:55
S65	1	("4082513").PN.	USPAT; USOOR	OR	OFF	2006/12/19 16:37
S66	23	("2536402"   "2695212"   "2897009"   "3090593"   "3437384"   "3850582").PN. OR ("4082513").URPN.	US-PGPUB; USPAT; USOOR	OR	OFF	2006/12/18 15:56
S67	1	("5897282").PN.	USPAT; USOOR	OR	OFF	2006/12/19 12:06
S68	2	("2616591").PN.	USPAT; USOOR	OR	OFF	2006/12/19 13:57
S69	1	("4808298").PN.	USPAT; USOOR	OR	OFF	2006/12/19 17:13
S70	12	pallet with barge with container	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2006/12/19 17:13
S71	1	("4809883").PN.	USPAT; USOOR	OR	OFF	2006/12/20 09:38

## EAST Search History

S72	0	("trailersamecontainersamerailroadsamepalletsamebarge").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2007/05/14 11:49
S73	2	trailer same container same railroad same pallet same barge	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/05/14 12:02
S74	2	EP-1481843-\$ did.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/05/14 11:57
S75	2	trailer same container same rail same pallet same barge	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/05/14 12:02
S76	6	container same rail same pallet same barge	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/05/14 12:02
S77	1	("6132157").PN.	USPAT; USOOR	OR	OFF	2007/08/29 19:15
S78	1	("20050103684").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2007/08/30 10:08
S79	93	inomata.in. and makoto.in.	JPO	OR	OFF	2007/08/30 12:41
S80	1	inomata.in. and makoto.in. and okada.in. and azuma.in.	JPO	OR	OFF	2007/08/30 14:36
S81	1	("5192421").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2007/09/01 12:02
S82	1	("6132157").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2007/09/01 12:10
S83	1	("5836362").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2007/09/01 12:05
S84	3836	(multi or multiple or multipartition\$) with (partition\$ or compartment) with (hopper or vessel or container or loader)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/09/01 12:25
S85	1001142	catalyst	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/09/01 12:24

## EAST Search History

S86	189	S84 and S85	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/09/01 12:12
S87	4945310	chemical or refinery or catalyst or particle	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/09/01 12:25
S88	1158	S84 and S87	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/09/01 12:25
S89	966727	(multi or multiple or multipartition\$).ab.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/09/01 12:26
S90	1458	S84 and S89	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/09/01 12:26
S91	324	S87 and S90	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2007/09/01 12:26
S92	14	("2457220"   "2483207"   "4181578"   "4205939"   "4402643"   "4521150"   "4585203"   "4819702").PN. OR ("6132157").URPN.	US-PGPUB; USPAT; USOOR	OR	OFF	2007/09/01 14:32
S93	1	("20050103684").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2008/11/21 12:50
S95	1	S93 and (flow with control\$3)	US-PGPUB; USPAT; USOOR	OR	OFF	2008/11/21 12:54
S96	1	("20050103684").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2008/11/21 14:06
S97	1	S96 and ((flow and process) with control\$3)	US-PGPUB; USPAT; USOOR	OR	OFF	2008/11/21 14:06
S98	392	208/152.ccls.	US-PGPUB; USPAT; USOOR	OR	OFF	2008/11/21 15:10

## EAST Search History

S99	1016	422/145.ccls.	US-PGPUB; USPAT; USOOR	OR	OFF	2008/11/21 15:10
S10 0	650	(catalyst with (inject\$ or deliver\$ or dispense\$) with control\$4).clm.	US-PGPUB; USPAT; USOOR	OR	ON	2008/11/21 15:13
S10 1	2	S98 and S100	US-PGPUB; USPAT; USOOR	OR	ON	2008/11/21 15:13
S10 2	13	S99 and S100	US-PGPUB; USPAT; USOOR	OR	ON	2008/11/21 15:13